

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME Union Oil Company of California
 ADDRESS Attn: John Zager
 P.O. Box 196247
 Anchorage, AK 99519-6247
 FACILITY Trading Bay Production Facility
 LOCATION Cook Inlet, Alaska

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)

(2-16) AKG-31-5002 015
 PERMIT NUMBER DISCHARGE NUMBER

MONITORING PERIOD
 YEAR 08 MO 02 DAY 01 TO YEAR 08 MO 02 DAY 29

OMB No. 2040-0004

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) (46-53) QUANTITY OR LOADING			(4 Card Only) (38-45) MINIMUM			(46-53) AVERAGE			(54-61) MAXIMUM			NO. EX	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS												
015 Produced Water Flow Rate *	SAMPLE MEASUREMENT PERMIT REQUIREMENT	3.600166	4.190634	MGD											Weekly	Estimate
015 Produced Water Produced Sand	SAMPLE MEASUREMENT PERMIT REQUIREMENT	Report	Report	MGD											Weekly	Estimate
015 Produced Water pH **	SAMPLE MEASUREMENT PERMIT REQUIREMENT				7						8				4 / Month	Grab
015 Flow Rate > 1 mgd	SAMPLE MEASUREMENT PERMIT REQUIREMENT				6						9				Weekly	Grab
015 Produced Water Oil and Grease ***	SAMPLE MEASUREMENT PERMIT REQUIREMENT							15			16				Weekly	Grab Average
015 Produced Water	SAMPLE MEASUREMENT PERMIT REQUIREMENT							29			42				Weekly	Grab Average
015 Produced Water Copper	SAMPLE MEASUREMENT PERMIT REQUIREMENT							2.7			2.7				Monthly	Grab
015 Produced Water Manganese	SAMPLE MEASUREMENT PERMIT REQUIREMENT							47.0			117				Monthly	Grab
015 Produced Water Mercury	SAMPLE MEASUREMENT PERMIT REQUIREMENT							2			2				Monthly	Grab
015 Produced Water	SAMPLE MEASUREMENT PERMIT REQUIREMENT							25			50				Monthly	Grab
015 Produced Water Silver	SAMPLE MEASUREMENT PERMIT REQUIREMENT							0.2			0.2				Monthly	Grab
015 Produced Water Zinc	SAMPLE MEASUREMENT PERMIT REQUIREMENT							0.6			1.0				Monthly	Grab
015 Produced Water	SAMPLE MEASUREMENT PERMIT REQUIREMENT							1			1				Monthly	Grab
015 Produced Water	SAMPLE MEASUREMENT PERMIT REQUIREMENT							23			47				Monthly	Grab
015 Produced Water	SAMPLE MEASUREMENT PERMIT REQUIREMENT							0.01			0.01				Monthly	Grab
015 Produced Water	SAMPLE MEASUREMENT PERMIT REQUIREMENT							0.9			1.9				Monthly	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

John Zager
 General Manager
 Mid Continental/Alaska Business Unit

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

SIGNATURE OF
 PRINCIPAL EXECUTIVE OFFICER
 OR AUTHORIZED AGENT

DATE A. Haines
 (907) 276-7600
 08 03 20

See Trading Bay Production Facility Page 3 of 3 for comments.

PERMITTEE NAME/ADDRESS (include Facility Name/Address if Different)

NAME Union Oil Company of California
 ADDRESS Attn: John Zager
 P.O. Box 196247
 Anchorage, AK 99519-6247
 FACILITY Anchorage Bay Production Facility
 LOCATION Cook Inlet, Alaska

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)

AKG-31-5002
 PERMIT NUMBER
 MONITORING PERIOD
 YEAR 08 MO 02 DAY 01
 TO YEAR 08 MO 02 DAY 29

DISCHARGE NUMBER
 DISCHARGE NUMBER
 DISCHARGE NUMBER

OMB No. 2040-0004

NOTE: Read Instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	QUANTITY OR LOADING (54-61)			QUALITY OR CONCENTRATION (46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-69)	SAMPLE TYPE (69-70)
		AVERAGE (46-53)	MAXIMUM (54-61)	UNITS	MINIMUM (38-45)	AVERAGE (46-53)	MAXIMUM (54-61)			
015 Produced Water	MEASUREMENT					10	10		Monthly	Grab
TAH	PERMIT					18	27		Monthly	Grab
015 Produced Water	MEASUREMENT					10	10		Monthly	Grab
TAQH	PERMIT					Report	Report		Monthly	Grab
015 Produced Water	MEASUREMENT					No Sample	No Sample		Quarterly	Grab
Total Ammonia	PERMIT					Report	Report		Quarterly	Grab
015 Produced Water	MEASUREMENT					No Sample	No Sample		Annually	Grab
Whole Effluent Toxicity	PERMIT					283	568		Annually	Grab
Mytilus sp.*	REQUIREMENT					No Sample	No Sample		Annually	Grab
015 Produced Water	MEASUREMENT					No Sample	No Sample		Annually	Grab
Whole Effluent Toxicity	PERMIT					283	283		Annually	Grab
Dendroica excrucians	REQUIREMENT					No Sample	No Sample		Annually	Grab
015 Produced Water	MEASUREMENT					No Sample	No Sample		Annually	Grab
Whole Effluent Toxicity	PERMIT					283	283		Annually	Grab
Mandula beryllina	REQUIREMENT					No Sample	No Sample		Annually	Grab
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER										
John Zager General Manager Mid Continent/Alaska Business Unit										
TYPED OR PRINTED										
COMMENT'S AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)										

*Identified as the most sensitive species.

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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

OMB No. 2040-0004

(2-16)
AKG-31-5002
PERMIT NUMBER

(17-19)
015
DISCHARGE NUMBER

YEAR MO DAY

YEAR MO DAY

08 02 01

08 02 29

(20-21) (22-23) (24-25)

(26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

COMMENTS PAGE 3 OF 3

* Flow rates include deck drainage from Dolly Varden, Grayling, King Salmon, Monopod, and Steelhead Platforms.
Estimated workover fluid flow rate: 0.054810

** Frequency of pH measurement has been increased to more closely monitor water quality.

*** Per Permit instructions weekly samples consist of an average of 4 grab samples over a 24 hour period.

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

John Zager
General Manager
Mid Continent/Alaska Business Unit

TYPED OR PRINTED

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

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DAI
Date A. Haines
SIGNATURE OF
PRINCIPAL EXECUTIVE OFFICER
OR AUTHORIZED AGENT

TELEPHONE (907) 276-7600
AREA CODE NUMBER YEAR MO DA
08 03 20

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OMB No. 2040-0004

AKG-31-5002
PERMIT NUMBER

015
DISCHARGE NUMBER

REVISED
8/20/2008

YEAR			MONITORING PERIOD		
08	02	01	08	02	29
(20-21)			(26-27)		

COMMENTS PAGE 3 OF 3

NOTE: Read instructions before completing this form.

8/20/08 Revision: Estimated well treatment fluid flow rate was not reported.

* Flow rates include deck drainage from Dolly Varden, Grayling, King Salmon, Monopod, and Steelhead Platforms.
Estimated workover fluid flow rate: 0.05481 MGD
Estimated well treatment fluid flow rate: 0.011004 MGD

** Frequency of pH measurement has been increased to more closely monitor water quality.

*** Per Permit instructions weekly samples consist of an average of 4 grab samples over a 24-hour period.

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John Zager General Manager Mid Continent/Alaska Business Unit		DATE A. Haines SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	
TYPED OR PRINTED		TELEPHONE	
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)		DATE	

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DISCHARGE MONITORING REPORT (DMR)

AKG-31-5002		015	
PERMIT NUMBER		DISCHARGE NUMBER	

YEAR		MO		DAY	
08	02	01	MONITORING PERIOD		
YEAR		MO		DAY	
08	02	29	TO		

(2-19) (22-23) (24-26) (26-27) (28-29) (30-31)

COMMENTS PAGE 3 OF 3

COPY

NOTE: Read Instructions before completing this form.

* Flow rates include deck drainage from Dolly Varden, Grayling, King Salmon, Monopod, and Steelhead Platforms.
Estimated workover fluid flow rate: 0.0548310

** Frequency of pH measurement has been increased to more closely monitor water quality.

*** Per Permit Instructions weekly samples consist of an average of 4 grab samples over a 24 hour period.

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John Zager
General Manager
Mid Continent/Alaska Business Unit

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COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

DA1
Date A. Haines
SIGNATURE OF
PRINCIPAL EXECUTIVE OFFICER
OR AUTHORIZED AGENT

TELEPHONE		DATE	
(907) 276-7600	08	03	20
AREA CODE	NUMBER	YEAR	MO
		DA	